

FIG. 1A

721 TGTGGGGCTGTATTATAATGTGATCATCGGGTGGAGCATCTTCTATTTCTTCAAGTCCTT 780 153 V G L Y Y N V I I G W S I F Y F F K S F 172 781 CCAGTACCCGCTGCCCTGGAGTGAATGTCCTGTCGTCAGGAATGGGAGCGTCGCAGTGGT 840 OYPLPWSECPVVRNGSVAVV192 841 GGAGGCAGAGTGTGAAAAGAGCTCAGCCACTACCTACTTCTGGTACCGAGAGGCTTTGGA 900 E A E C E K S S A T T Y F W Y R E A L D 212 901 CATCTCTGACTCCATCTCGGAGAGTGGGGGCCTCAACTGGAAGATGACCCTGTGCCTCCT 960 I S D S I S E S G G L N W K M T L C L L 232 961 CGTGGTCTGGAGCATCGGGGGGATGGCTGTCGGTAAGGGCATCCAGTCCTCGGGGAAGGT 1020 V V W S I G G M A V G K G I O S S G K V 252 1021 GATGTATTTCAGCTCCCTCTTCCCCTACGTGGTGCTGGCCTGCTTCCTGGTCCGGGGGTT 1080 253 M Y F S S L F P Y V V L A C F L V R G L 272 1081 GTTGTTGCGAGGGGCAGTTGATGGCATCCTACACATGTTCACTCCCAAGCTGGTCAAGAT 1140 L L R G A V D G I L H M F T P K L V K M 292 1141 GCTGGACCCCCAGGTGTGGCGGGAGGTAGCTACCCAGGTCTTCTTTGGCTTGGGTCTGGG 1200 L D P Q V W R E V A T Q V F F G L G L G 312 1201 CTTTGGTGGTGTCATTGTCTTCTCCAGTTACAATAAGCAGGACAACAACTGCCACTTCGA 1260 FGGVIVFSSYNKODNNCHFD332 1261 TGGCGCCCTGGTGTCCTTCATCAACTTCTTCACGTCAGTGTTGGCCACCCTCGTGGTGTT 1320 333 GALVSFINFFTSVLATLVVF352 1321 TGTTGTTTTGGGCTTCAAGGCCAACATCATGAATGAGAAGTGTGTGGTCGAGAATGCTGA 1380 353 V V L G F K A N I M N E K C V V E N A E 372

FIG. 1B

1381 GAAAATCCTAGGGTACCTTAACACCAACGTCCTGAGCCGGGACCTCATCCCACCCCACGT 1440 373 KILGYLNTNVLSRDLIPPHV392 1441 CAACTTCTCCCACCTGACCACAAAGGACTACATGGAGATGGACAATGTCATCATGACCGT 1500 N F S H L T T K D Y M E M D N V I M T V 412 1501 GAAGGAGGACCAGTTCTCAGCCCTGGGCCTTGACCCCTGCCTTCTGGAGGACGAGCTGGA 1560 KEDOFSALGLDPCLLEDELD432 1561 CAAGTCCGTGCAGGGCACAGGCCTGGCCTTCATCGCCTTCACTGAGGCCATGACGCACTT 1620 433 KSVOGTGLAFIAFTEAMTHF452 1621 CCCCACCTCCCCGTTCTGGTCCGTCATGTTCTTCTTGATGCTTATCAACCTGGGCCTGGG 1680 PTSPFWSVMFFLMLINLGLG472 1681 CAGCATGATCGGGACCATGGCAGGCATCACCACGCCCATCATCGACACCTCCAAGGTGCC 1740 473 S M I G T M A G I T T P I I D T S K V P 492 1741 CAAGGAGATGTTCACAGTGGGCTGCTGTGTCTTTACATTCCTCGTGGGACTGTTGTTCGT 1800 KEMFTVGCCVFTFLVGLLFV512 1801 CCAGCGCTCCGGAAACTACTTTGTCACCATGTTCGATGACTACTCAGCCACGCTGCCACT 1860 513 Q R S G N Y F V T M F D D Y S A T L P L 532 1861 CACTCTCATCGTCATCCTTGAGAACATCGCTGTGGCCTGGATTTATGGACCCAAGAAGTT 1920 TLIVILENIAVAWIYGPKKF552 1921 CATGCAGGAGCTGACGGAGATGCTGGGCTTCCGCCCCTACCGCTTCTATTTCTACATGTG 1980 553 M O E L T E M L G F R P Y R F Y F Y M W 572 573 K F V S P L C M A V L T T A S I I O L G 592

FIG. 1C

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2041	. GGTCACGCCCCGGCCTACAGCGCCTGGATCAAGGAGGAGGCTGCCGAGCGCTACCTGTA														2100						
593	V	T	P	Р	A	Y	S	A	M	Ι	K	E	E	A	A	E	R	Y	L	Y	612
										•											
2101	TTTC	CCC	AAC	TGG	CCC	ATG	GCA	CTC	CTG	ATC	ACC	CTC	ATC	GTC	GTG	GCG	ACG	CTG	CCC	AΤ	2160
613	F	P	N	M	Р	M	A	L	L	I	T	L	Ι	V	V	A	T	L	P	Ι	632
			•				•														
2161	CCCT	GTG	GTG	TTC	GTC	CTG	CGG	CAC'	TTC	CAC	CTG	CTC	TCT	GAT	GGC	TCC	AAC	'ACC	CTC	TC	2220
633	Р	V	V	F	V	L	R	H	F	H	L	L	S	D	G	S	N	T	L	S	652
			•				•			•			•				•				
2221	CGTG			AAG.	AAG	GCC		ATG.	ATG.	AAG	GAC.	ATC	TCC	AAC	CTG	GAG	GAG	AAC	GAT	GΑ	2280
653	V	S	Y	K	K	A	R	M	M	K	D	Ι	S	N	L	E	E	N	D	E	672
			•				•			•			•				•				
2281	GACC	CGC	TTC.	ATC	CTC.	AGC.	AAG	GTG	CCC	AGT	GAG	GCA	CCT	TCC	CCC	ATG	CCC	ACT	CAC	CG	2340
673	Τ	R	F	Ι	L	S	K	V	P	S	Ε	A	P	S	P	M	Р	T	Η	R	692
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2341	TTCC'	TAT	CTG	GGG	CCC	GGC.	AGC.	ACA!	rca(	CCC	CTG	GAG.	ACC.	AGC	TGG.	AAC	CCC	AAT	GGA	CC	2400
693	S	Y	L	G	P	G	S	Τ	S	P	L	E	T	S	M	N	P	N	G	P	712
			•				•			•			•								
2401	CTAT	GGG	CGC	GGC'	TAC	CTG	CTG(	GCC	AGC:	ACC	CCT	GAG'	rct(	GAG	CTG	TGA:	CCA	CTG	CCC	AA	2460
713	Y	G	R	G	Y	L	L	A	S	T	P	E	S	Ε	L	*					728
							•														
2461	GCCC	ATG	CCC	GCT(	CTC	CCC	CCA	CCG	248	85											

FIG. 1D

## MATCH WITH FIG. ID

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	ACC			GA			CC				
	J.	工		TG	G		S				
2330	AGACCCGCTTCATCCTCAGCAAGGTGCCCAGTGAGGCACCTTCCCCCATGCCCACTCACC	H	•	CAA	Z		ACT				
		Д	_	SCC	Д	_	ACC.				
		Σ	2390	GAAC	Z	245(	CCTATGGGCGCGGCTACCTGCTGGCCAGCACCCCTGAGTCTGAGCTGTGACCACTGCCCA	*			
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